vii. Substitution of oil in the transport sector through use of alternative fuel such as bio-diesel, ethanol blended petrol, etc.

viii. Evolving suitable technology for extraction of gas from gas hydrates under National Gas Hydrates Programme (NGHP).

Consumption and exploration of oil and gas in country

2443. SHRI MATILAL SARKAR: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the quantity of natural gas and oil being explored from the reserves of different States and Union Territories on yearly basis, State/UT-wise;

(b) the percentage of the quantity of gas/oil in daily consumption over the quantity explored;

(c) how many industrial units based on gas/oil are in operation and how many more in the pipeline; and

(d) the programme in detail with reference to the States concerned?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI DINSHA J. PATEL): (a) to (d) Oil and Natural Gas Corporation (ONGC), Oil India Limited (OIL) and Private/Joint Venture (JV) companies have established 8865 Million Metric Tonnes (MMT) of oil and gas inplace reserves in the country as on 1.4.2007. Out of these, 3782 MMT inplace reserves are in onland areas in the States of Andhra Pradesh, Arunachal Pradesh, Assam, Gujarat, Nagaland, Rajasthan, Tamil Nadu, and Tripura. Remaining 5083 MMT in place reserves are in offshore areas. The State-wise breakup of in place reserves position as on 1.4.2007 is annexed as Statement (*See* below). The average oil and gas reserve accretion during Tenth Plan period was of the order of 325 MMT per annum.

The consumption of petroleum products in the country was 120.7 MMT in 2006-07. The domestic Crude oil production in the corresponding period was about 34 MMT. The dependence on imported crude oil by the oil refining companies was 78.7 percent in the year 2006-07. During this period, natural gas supply to consumers was 96 Million Standard Cubic Metre Per Day (MMSCMPD), comprising of 73 MMSCMD from domestic sources and 23 MMSCMD through Liquefied Natural Gas (LNG) imports.

The country has, as on date, 19 refineries with a capacity of about 149 Million Metric Tonnes Per Annum (MMTPA). Of this capacity, 105.5 MMT is with Public Sector Undertakings (PSUs) and the balance 43.5 MMT is in the private sector. An additional capacity of 92 MMT per annum is expected to be added during Eleventh Plan period (2007—12) including refineries in Punjab, Madhya Pradesh and Orissa. The country is not only self-sufficient in refining capacity for its domestic consumption but also exports petroleum products substantially. As far as exploration is concerned, presently 44% of sedimentary basins of India are under exploration. By end of Eleventh Plan period *i.e.* 2012, 80% of Indian sedimentary basin area is likely to be under exploration and by 2015, whole sedimentary basin has been targeted to be under exploration.

Statement

The State-wise details of in place reserves position as on 1.4.2007

States	Initial In Place Oil & Gas Reseves (MMT)		
	Oil (in Million Metric Tone)	Gas(in Billion Cubic Metre)	Oil and Oil Equivalent of Gas
Andhra Pradesh	22.09	101.32	123.41
Arunachal Pradesh	26.24	6.05	32.29
Assam	1287.68	378.54	1666.22
Gujarat	1196.01	235.82	1431.83
Nagaland	15.03	2.02	17.05
Rajasthan	319.13	11.23	330.36
Tamil Nadu	56.44	70.98	127.42
Tripura	0.00	53.80	53.80
Total Onland	**2922.62**	**859.74**	**3782.36**
East Coast	143.99	813.86	957.85
West Coast	2890.23	1235.03	4125.26
Total Offshore	**3034.21**	**2048.89**	**5083.10**
GRAND TOTAL:	5956.83	2908.63	8865.46

Use of cooking gas by motor vehicles

2444. SHRI RAJEEV SHUKLA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Government is aware of many people including taxi service operators using cooking gas for running motor vehicles in the country;

(b) if so, the details thereof; and

(c) the steps taken by Government to control this?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI DINSHA J. PATEL): (a) and (b) The possibility of misuse of the domestic LPG cylinders in motor vehicles cannot be ruled out due to the wide gap between the retail price of LPG for domestic use and market price for auto LPG.

During the last three years and April-December, 2007, 6997 motorists were caught by the Road Transport Authorities for which assistance was provided by the Oil Marketing Companies.

(c) In order to stop misuse of domestic LPG cylinders, the Government has enacted "Liquified Petroleum Gas (Regulation of Supply and Distribution) Order, 2000"; Liquified Petroleum Gas (Regulation of Use in Motor Vehicles) Order, 2001 and formulated "marketing